Author Index to Volume 18

Adelsberger, H., *see* J.D. Couger 18 (1990) 41
Beauclair, Renée A. and Detmar W. Straub, Utilizing GDSS Technology: Final Report on a Recent Empirical Study 18 (1990) 213
Berztiss, Alfs T., Software Methodologies for Decision Support 18 (1990) 221
Borovits, I., *see* J.D. Couger 18 (1990) 41
Bullers, William I., Jr. and Richard A. Reid, Toward a Comprehensive Conceptual Framework for Computer Integrated Manufacturing 18 (1990) 57
Couger, J. Daniel, Heimo Adelsberger, Israel Borovits, Moshe Zviran and Juzar Motiwalla, Commonalities in Motivating Environments for Programmer/Analysts in Austria, Israel, Singapore, and the U.S.A. 18 (1990) 41
Dennis, Alan R., Alan R. Heminger, J.F. Nunamaker, Jr., and Doug R. Vogel, Bringing Automated Support to Large Groups: The Burr-Brown Experience 18 (1990) 111
Farn, C.-K., *see* W.L. Harrison 18 (1990) 177
Gallupe, R. Brent and James D. McKeen, Enhancing Computer-Mediated Communication: An Experimental Investigation into the Use of a Group Decision Support System for Face-to-Face Versus Remote Meetings 18 (1990) 1
Gemoets, Leopoldo A. and Mo Adam Mahmood, Effect of the Quality of User Documentation on User Satisfaction with Information Systems 18 (1990) 47
Guillemette, Ronald A., What Readers Mean by 'Good Documentation' 18 (1990) 69
Harrison, W.L. and Cheng-Kiang Farn, A Comparison of Information Management Issues in the United States of America and the Republic of China 18 (1990) 177
Heminger, A.R., *see* A.R. Dennis 18 (1990) 111
Ho, Yaw-Chin and Carl D. McDevitt, Determination of Optimal Resource Allocation for Software Development - An Application of a Software Equation 18 (1990) 79
Hogshead Davis, Kathi, Need for 'Flexibility' in a Conceptual Model 18 (1990) 231
Im, Jin H. and Clifford Koen, Software Piracy and Responsibilities of Educational Institutions 18 (1990) 189
Katz, Adolph I., The Status of Business Ethics Education in Business School Curricula 18 (1990) 123
Koen, C., *see* J.H. Im 18 (1990) 189
Lederer, A.L., *see* C.H. Mawhinney 18 (1990) 243
Lehner, Franz, Cost Comparison for the Development and Maintenance of Application Systems in 3rd and 4th Generation Languages 18 (1990) 131
Liang Thow-Yick and Ta Huu-Phuong, Management Expert Systems for Competitive Advantage in Business 18 (1990) 195
Lo Tak Wah, *see* Tan Boon Wan 18 (1990) 203
McDevitt, C.D., *see* Y.-C. Ho 18 (1990) 79
McKeen, J.D., *see* R.B. Gallupe 18 (1990) 1
Mahmood, M.A., *see* L.A. Gemoets 18 (1990) 47
Mawhinney, Charles H. and Albert L. Lederer, A Study of Personal Computer Utilization by Managers 18 (1990) 243
Motiwalla, J., *see* J.D. Couger 18 (1990) 41
Muralidhar, Krishnamurty, Radhika Santhanam and Rick L. Wilson, Using the Analytic Hierarchy Process for Information System Project Selection 18 (1990) 87
Navlakha, Jainendra K., Choosing a Software Cost Estimation Model for Your Organization: A Case Study 18 (1990) 255
Nunamaker, J., *see* D. Vogel 18 (1990) 15
Nunamaker, J.F., Jr., *see* A.R. Dennis 18 (1990) 111
Paradice, David B., Ethical Attitudes of Entry-Level MIS Personnel 18 (1990) 143
Phoon, C.K., *see* K.S. Raman 18 (1990) 153
Raman, K.S. and C.K. Phoon, Decision Support Systems in Singapore: Issues in their Management and their Beneficial Contributions 18 (1990) 153
Reed Doke, E., An Industry Survey of Emerging Prototype Methodologies 18 (1990) 169
Reid, R.A., *see* W.I. Bullers, Jr. 18 (1990) 57
Santhanam, R., *see* K. Muralidhar 18 (1990) 87
Straub, D.W., *see* R.A. Beauclair 18 (1990) 213
Ta Huu-Phuong, *see* Liang Thow-Yick 18 (1990) 195
Tan Boon Wan and Lo Tak Wah, Validation of a User Satisfaction Instrument for Office Automation Success 18 (1990) 203
Vogel, D.R., *see* A.R. Dennis 18 (1990) 111
Vogel, Doug and Jay Nunamaker, Group Decision Support System Impact: Multi-Methodological Exploration 18 (1990) 15
Waema, T.M. and G. Walsham, Information Systems Strategy Formulation 18 (1990) 29
Walsham, G., *see* T.M. Waema 18 (1990) 29
Wilson, R.L., *see* K. Muralidhar 18 (1990) 87
Yap, Chee-Sing, Distinguishing Characteristics of Organizations Using Computers 18 (1990) 97
Zviran, M., *see* J.D. Couger 18 (1990) 41

North-Holland
Information & Management 18 (1990) 267

0378-7206/90/$3.50 © 1990 – Elsevier Science Publishers B.V. (North-Holland)

Author Index to Volume 18

Adelsberger, H., *see* J.D. Couger 18 (1990) 41
Beauclair, Renée A. and Detmar W. Straub, Utilizing GDSS Technology: Final Report on a Recent Empirical Study 18 (1990) 213
Berztiss, Alfs T., Software Methodologies for Decision Support 18 (1990) 221
Borovits, I., *see* J.D. Couger 18 (1990) 41
Bullers, William I., Jr. and Richard A. Reid, Toward a Comprehensive Conceptual Framework for Computer Integrated Manufacturing 18 (1990) 57
Couger, J. Daniel, Heimo Adelsberger, Israel Borovits, Moshe Zviran and Juzar Motiwalla, Commonalities in Motivating Environments for Programmer/Analysts in Austria, Israel, Singapore, and the U.S.A. 18 (1990) 41
Dennis, Alan R., Alan R. Heminger, J.F. Nunamaker, Jr., and Doug R. Vogel, Bringing Automated Support to Large Groups: The Burr-Brown Experience 18 (1990) 111
Farn, C.-K., *see* W.L. Harrison 18 (1990) 177
Gallupe, R. Brent and James D. McKeen, Enhancing Computer-Mediated Communication: An Experimental Investigation into the Use of a Group Decision Support System for Face-to-Face Versus Remote Meetings 18 (1990) 1
Gemoets, Leopoldo A. and Mo Adam Mahmood, Effect of the Quality of User Documentation on User Satisfaction with Information Systems 18 (1990) 47
Guillemette, Ronald A., What Readers Mean by 'Good Documentation' 18 (1990) 69
Harrison, W.L. and Cheng-Kiang Farn, A Comparison of Information Management Issues in the United States of America and the Republic of China 18 (1990) 177
Heminger, A.R., *see* A.R. Dennis 18 (1990) 111
Ho, Yaw-Chin and Carl D. McDevitt, Determination of Optimal Resource Allocation for Software Development - An Application of a Software Equation 18 (1990) 79
Hogshead Davis, Kathi, Need for 'Flexibility' in a Conceptual Model 18 (1990) 231
Im, Jin H. and Clifford Koen, Software Piracy and Responsibilities of Educational Institutions 18 (1990) 189
Katz, Adolph I., The Status of Business Ethics Education in Business School Curricula 18 (1990) 123
Koen, C., *see* J.H. Im 18 (1990) 189
Lederer, A.L., *see* C.H. Mawhinney 18 (1990) 243
Lehner, Franz, Cost Comparison for the Development and Maintenance of Application Systems in 3rd and 4th Generation Languages 18 (1990) 131
Liang Thow-Yick and Ta Huu-Phuong, Management Expert Systems for Competitive Advantage in Business 18 (1990) 195
Lo Tak Wah, *see* Tan Boon Wan 18 (1990) 203
McDevitt, C.D., *see* Y.-C. Ho 18 (1990) 79
McKeen, J.D., *see* R.B. Gallupe 18 (1990) 1
Mahmood, M.A., *see* L.A. Gemoets 18 (1990) 47
Mawhinney, Charles H. and Albert L. Lederer, A Study of Personal Computer Utilization by Managers 18 (1990) 243
Motiwalla, J., *see* J.D. Couger 18 (1990) 41
Muralidhar, Krishnamurty, Radhika Santhanam and Rick L. Wilson, Using the Analytic Hierarchy Process for Information System Project Selection 18 (1990) 87
Navlakha, Jainendra K., Choosing a Software Cost Estimation Model for Your Organization: A Case Study 18 (1990) 255
Nunamaker, J., *see* D. Vogel 18 (1990) 15
Nunamaker, J.F., Jr., *see* A.R. Dennis 18 (1990) 111
Paradice, David B., Ethical Attitudes of Entry-Level MIS Personnel 18 (1990) 143
Phoon, C.K., *see* K.S. Raman 18 (1990) 153
Raman, K.S. and C.K. Phoon, Decision Support Systems in Singapore: Issues in their Management and their Beneficial Contributions 18 (1990) 153
Reed Doke, E., An Industry Survey of Emerging Prototype Methodologies 18 (1990) 169
Reid, R.A., *see* W.I. Bullers, Jr. 18 (1990) 57
Santhanam, R., *see* K. Muralidhar 18 (1990) 87
Straub, D.W., *see* R.A. Beauclair 18 (1990) 213
Ta Huu-Phuong, *see* Liang Thow-Yick 18 (1990) 195
Tan Boon Wan and Lo Tak Wah, Validation of a User Satisfaction Instrument for Office Automation Success 18 (1990) 203
Vogel, D.R., *see* A.R. Dennis 18 (1990) 111
Vogel, Doug and Jay Nunamaker, Group Decision Support System Impact: Multi-Methodological Exploration 18 (1990) 15
Waema, T.M. and G. Walsham, Information Systems Strategy Formulation 18 (1990) 29
Walsham, G., *see* T.M. Waema 18 (1990) 29
Wilson, R.L., *see* K. Muralidhar 18 (1990) 87
Yap, Chee-Sing, Distinguishing Characteristics of Organizations Using Computers 18 (1990) 97
Zviran, M., *see* J.D. Couger 18 (1990) 41

North-Holland
Information & Management 18 (1990) 267

0378-7206/90/$3.50 © 1990 – Elsevier Science Publishers B.V. (North-Holland)

Subject Index to Volume 18

3rd Generation Language 18 (1990) 131
4th Generation Language 18 (1990) 131

Adoption of Computers 18 (1990) 97
Analytic Hierarchy Process 18 (1990) 87

Behavior in Data Model 18 (1990) 231
Benefits of DSS 18 (1990) 153
Business Curriculum 18 (1990) 123
Business Education 18 (1990) 123
Business Ethics 18 (1990) 123

CIM and MIS Relationship 18 (1990) 57
CIM Control and Decision Support 18 (1990) 57
Collaborative Work Systems 18 (1990) 111
Computer Assisted Meetings 18 (1990) 111
Computer Integrated Manufacturing (CIM) 18 (1990) 57
Computer Supported Cooperative Work 18 (1990) 213
Computer Usage 18 (1990) 97, 243
Computer-Mediated Communications 18 (1990) 1
Computerized Manufacturing Systems (CMS) 18 (1990) 57
Conceptual CIM Framework 18 (1990) 57
Conceptual Data Model 18 (1990) 231
Copyright Law 18 (1990) 189
Cost/Benefit Analysis 18 (1990) 87
Cultural Differences 18 (1990) 41
CWS 18 (1990) 111

Data Model Translation 18 (1990) 231
Data Processing Personnel 18 (1990) 143
Database Design 18 (1990) 231
Decision Support Systems (DSS) 18 (1990) 57, 153, 213
Documentation 18 (1990) 69

Educational Institutions 18 (1990) 189
Electronic Data Processing (EDP) 18 (1990) 57
Electronic Meeting Systems 18 (1990) 111
EMS 18 (1990) 111
End-User Computing 18 (1990) 243
Entity-Relationship Model 18 (1990) 231
Entry-Level Personnel 18 (1990) 143
Estimation Models 18 (1990) 255
Ethical Dilemma 18 (1990) 143
Ethics 18 (1990) 143
Expert Systems (ES) 18 (1990) 57, 195, 221

Face-to-Face versus Remote Group Decision Making 18 (1990) 1
Field Study 18 (1990) 69
Financial Services 18 (1990) 29

GDSS 18 (1990) 15, 111
Group Decision Making 18 (1990) 87
Group Decision Support Systems 18 (1990) 1, 15, 111, 213

Information Management Issues 18 (1990) 177
Information Systems 18 (1990) 177, 195
Information Systems Strategy 18 (1990) 29
Information Technology 18 (1990) 195
International Issues 18 (1990) 177
IS Management 18 (1990) 41
IS Planning 18 (1990) 87
IS Project Selection 18 (1990) 87

Job Diagnostic Survey 18 (1990) 41

Legal Responsibility 18 (1990) 189
Linear Regression 18 (1990) 255
Logical Data Model 18 (1990) 231

Maintenance 18 (1990) 131
Management Expert Systems 18 (1990) 195
Management Information Systems (MIS) 18 (1990) 57, 143, 153, 203
Managerial Performance 18 (1990) 243
Managing DSS 18 (1990) 153
Manufacturing Information Systems Architecture 18 (1990) 57
Microcomputers 18 (1990) 189
MIS Research Methodologies 18 (1990) 15
Modularization 18 (1990) 221
Motivation 18 (1990) 41

OA 18 (1990) 203
Object Orientation 18 (1990) 221
Organisational Context 18 (1990) 29
Organizational Characteristics 18 (1990) 97

Personal Computer Utilization 18 (1990) 243
Phase Concept 18 (1990) 131
Productivity Improvement 18 (1990) 41
Programming Productivity 18 (1990) 131
Prototype 18 (1990) 169
Prototyping Methodologies 18 (1990) 169
Prototyping Methodology Taxonomy 18 (1990) 169

Ranking Model 18 (1990) 87
Re-engineering 18 (1990) 231
Relational Data Model 18 (1990) 231
R.O.C. Information Management 18 (1990) 177

Scoring Model 18 (1990) 87
Semantic Differential 18 (1990) 69
SF 18 (1990) 221
Social Systems 18 (1990) 29
Socio-Political Process 18 (1990) 29
Software Cost Estimation 18 (1990) 79, 255
Software Development Cost Function 18 (1990) 79
Software Economics 18 (1990) 79
Software Equations 18 (1990) 79
Software Life Cycle 18 (1990) 131
Software Piracy 18 (1990) 189

North-Holland
Information & Management 18 (1990) 269–270

0378-7206/90/$3.50 © 1990 – Elsevier Science Publishers B.V. (North-Holland)

Software Reverse Engineering	18 (1990) 231	User Characteristics	18 (1990) 243
Statistical Correlation	18 (1990) 255	User Documentation	18 (1990) 47
Statistical Significance	18 (1990) 255	User Documentation Effect	18 (1990) 47
Strategy Formulation	18 (1990) 29	User Documentation Guidelines	18 (1990) 47
Subjective Measure	18 (1990) 69	User Information Satisfaction	18 (1990) 203
System Design	18 (1990) 169	User Interface	18 (1990) 69
System Success	18 (1990) 203	User Satisfaction	18 (1990) 47, 243
Unreliable Data	18 (1990) 221		
U.S.A. Information Management	18 (1990) 177	Wider Context	18 (1990) 29